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Date: September 30, 2003

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MS PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of Provisional Application Nos. 60/414,657 filed on October 1, 2002 and 60/416,515 filed on October 8, 2002.

Inventor(s): Richard THOMPSON; Michele CRAMER; Carol Ann FIERKE; Hui Hui ZENG; and Rebecca BOZYM

For: EXCITATION RATIO METRIC FLUORESCENT BIOSENSOR FOR ZINC ION AT PICOMOLAR LEVELS

Enclosed are:

- A specification consisting of twenty-eight (28) pages
- Nine (9) sheet(s) of formal drawings
- Applicant does not claim priority

- Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 60/414,657 and 60/416,515 filed in the United States Patent and Trademark Office on October 1, 2002 and October 8, 2002, respectively.
- Certified copy(ies) is(are) attached hereto.
- Certified copy(ies) will follow.
- Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- Applicant claims small entity status under 37 C.F.R. § 1.27.
- Preliminary Amendment
- Application Data Sheet in accordance with 37 C.F.R. § 1.76
- Information Disclosure Statement, PTO-1449 and reference(s)
- Applicant requests early publication - \$300.00 publication fee
- Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)
- Other:
- Provisional application filed in English:
- YES NO
- If "NO," an English translation with a Statement of Accuracy:
 is attached hereto will follow.

The filing fee has been calculated as shown below:

	BASIC FEE		LARGE ENTITY	SMALL ENTITY
	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	20-20=	0	x 18 =	\$0.00 x 9= \$0.00
INDEPENDENT CLAIMS	2-3=	0	x 84 =	\$0.00 x42= \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$280.00	+ \$140.00
		TOTAL	\$0.00	\$375.00

- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- A check in the amount of \$375.00 to cover the filing fee is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- Please send correspondence to:
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292
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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Mark W. Nuell
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3645-0114P

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Attachment(s)

(Rev. 08/12/03)